

# INTERNATIONAL UNDERGRADUATE PROGRAM

Established in 1998, the Bachelor of Agroindustrial Technology at Universitas Brawijaya holds the distinction of being the third oldest Agroindustrial Technology Study Program in Indonesia. The program is nationally accredited as “Excellent/Unggul” by the Indonesian National Accreditation Board for Higher Education (BAN-PT) and AUN QA International Certification accredited. The International Undergraduate Program was created to provide a platform for students worldwide to explore technology, management, and system engineering related to agricultural products. Learn from our exceptionally skilled academic experts and industry professionals. Our dedicated study program is committed to delivering the latest methodologies and worldwide developments to enhance your learning experience.



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## Scholarship Opportunities a r e a v a i l a b l e



## INTERNATIONAL UNDERGRADUATE PROGRAM

## Agroindustrial Technology Study Program

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# What is Agroindustrial Technology Study program?

Agroindustrial Technology integrates the three pillars of industry that consist of technology, management, and system engineering in developing the agroindustry. It encompasses Mathematics and Science (Mathematics, Physics, Chemistry, Biology), Design Engineering (Engineering Science and Technology, Information and Communication Technology, Technical Design and Problem-based Experiments). Embracing the spirit of Smart and Sustainable Agroindustry, the aim of this study program is to foster innovative, creative, and environmentally friendly development within the agro-industry in fulfilling sustainability concept.

## Research are available



Agroindustrial Process Engineering, Bioindustry, Agroindustry Management, Computing Agro-Industrial Systems.

## 2 COURSE PROGRAM

**AgroIndustrial Process Engineering :** Product Design and Development, Plant Design, Analysis and Evaluation of Agroindustrial Products, Audit of Agroindustry, Packaging Technology, Process Engineering of Essential Oil and Biopharmaceuticals Products

**Bioindustry :** Industrial Microbiology, Industrial Environment, Bioprocess Engineering, Bioremediation, Cleaner Production, Bioenergy

**Agroindustrial Management :** human resources management, work design and ergonomics, quality control, plant layout and material handling, production planning and inventory control, entrepreneurship, industrial project planning, supply chain management, risk management.

**Computing and AgroIndustrial Systems :** Operations research, optimization techniques, system modeling and simulation, information system and technology, maintenance system, smart agroindustry, intelligent systems.

## PARTNER UNIVERSITIES AND INDUSTRIES



OSAKA UNIVERSITY



TOHOKU UNIVERSITY



PT. INDOLAKTO



## 3 STUDENT LIFE

### Academic atmosphere:

Lecture in english, guest lectures with overseas lecturers and industrial practitioners, 3 in 1 programs, international students exchange opportunities, research abroad programs

### Student Association:

HIMATITAN (TIP Agro-Industrial Technology Student Union) fosters a community among TIP Agroindustrial Technology Students through social, academic and professional events. HIMATITAN provides opportunities to develop leadership and teamwork skills. HIMATITAN also provides students to have industry insights by industrial visits and build a network that will last beyond graduation.

## ADMISSION

The undergraduate program in Agroindustrial Technology is applicable to both Indonesian and Non-Indonesian passport holder.

Intake	Online Registration	Test Exam	Result Announcement
Intake 1	27 March (opens on 10.00 WIB) – 3 May 2024 (closed on 23.59 WIB)	13 May 2024	17 May 2024
Intake 2	6 May (opens on 10.00 WIB) – 28 June 2024 (closed on 23.59 WIB)	3 July 2024	8 July 2024

## REQUIREMENTS

1. High school graduates or equivalent from both domestic and foreign institutions (within the last 3 years)
2. Have academic ability as proven through:
  - a. High School (or equivalent) report/ transcript
  - b. Pass the Foreign Language test held by UB